Boron in corn

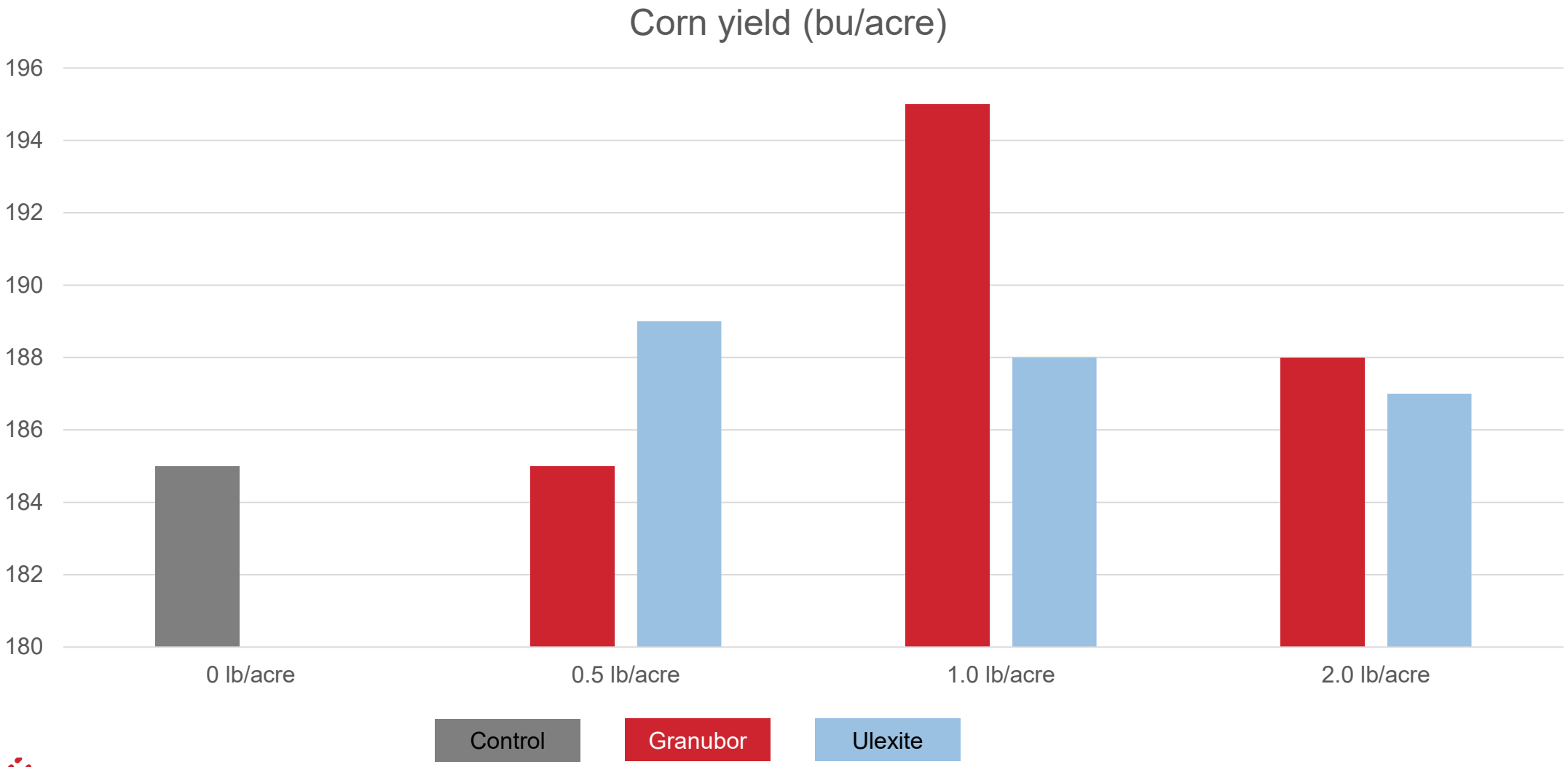
Study details

Research institution: Dr. Justin McCoy, Agronomist North Mississippi Research and Extension Center
Date: April 2021 - September 2021
Location: Mississippi, United States
Crop variety: Zea Mays, DKC 67-44
Fertilizer: *Granubor*® and ulexite as the B source (0, 0.5, 1.0, and 2.0 lbs/acre)
Trial design: Randomized complete block with three repetitions

Results

The study was conducted for only one year. *Granubor* showed a better performance than the control and ulexite at 1.0 and 2.0 lbs/acre even though not statistically different.

Boron in corn



20 MULE TEAM BORAX™

GRANUBOR®

Boron in corn

Study details

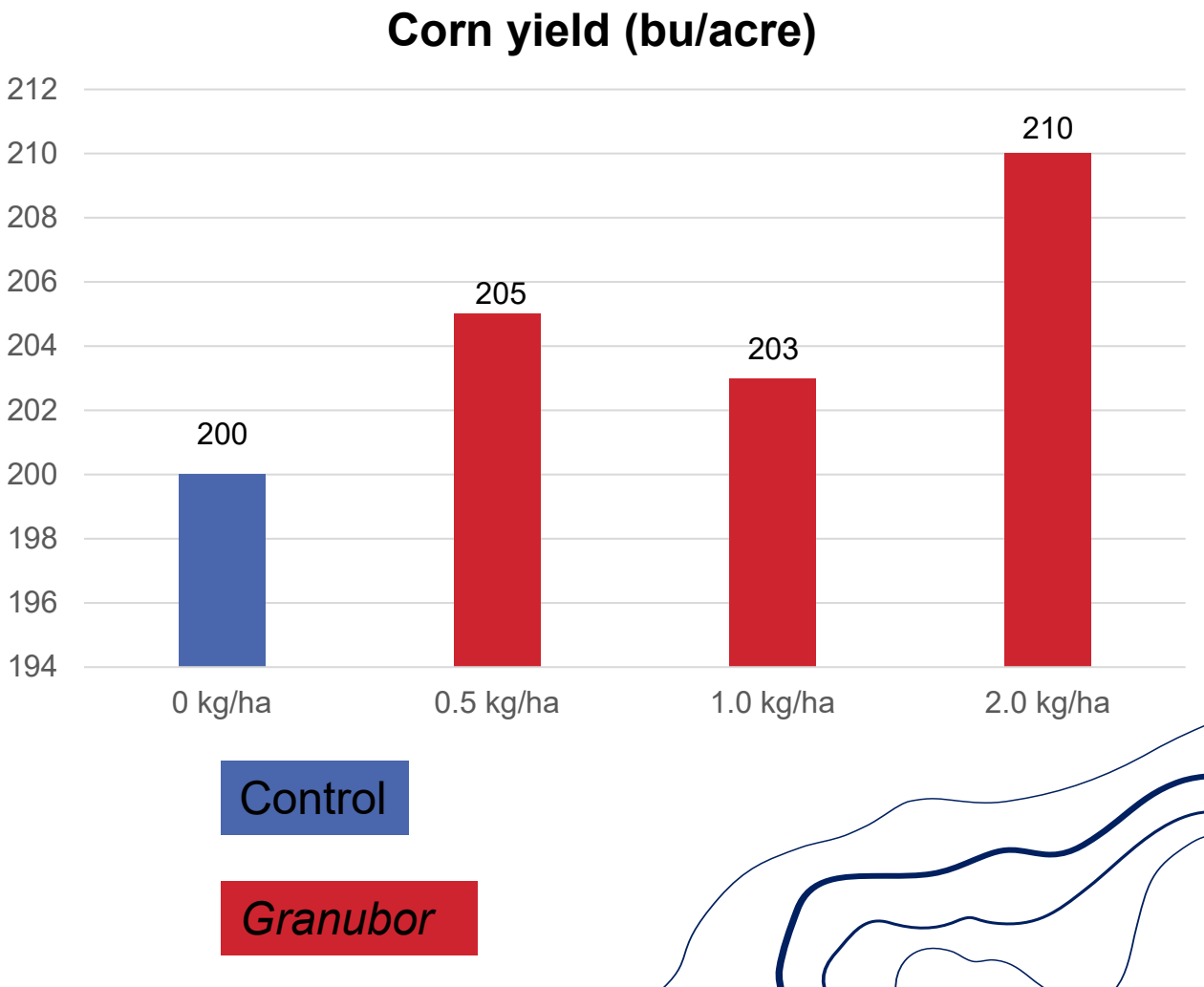
Research institution: University of Kentucky
Location: Kentucky, United States
Date: 2020 growing season
Fertilizers: *Granubor*® (0, 0.5, 1.0, and 2.0 kg/ha)
Trial design: Randomized complete block with three repetitions. All plots received 50 lb/acre N and 60 lb/acre P_2O_5 in 2x2 at planting and 150 lb/acre N at side-dress.

Results

The study was conducted for only one year. *Granubor* showed a better performance than the control at all rates even though not statistically different.

Boron in corn

20 MULE TEAM BORAX™



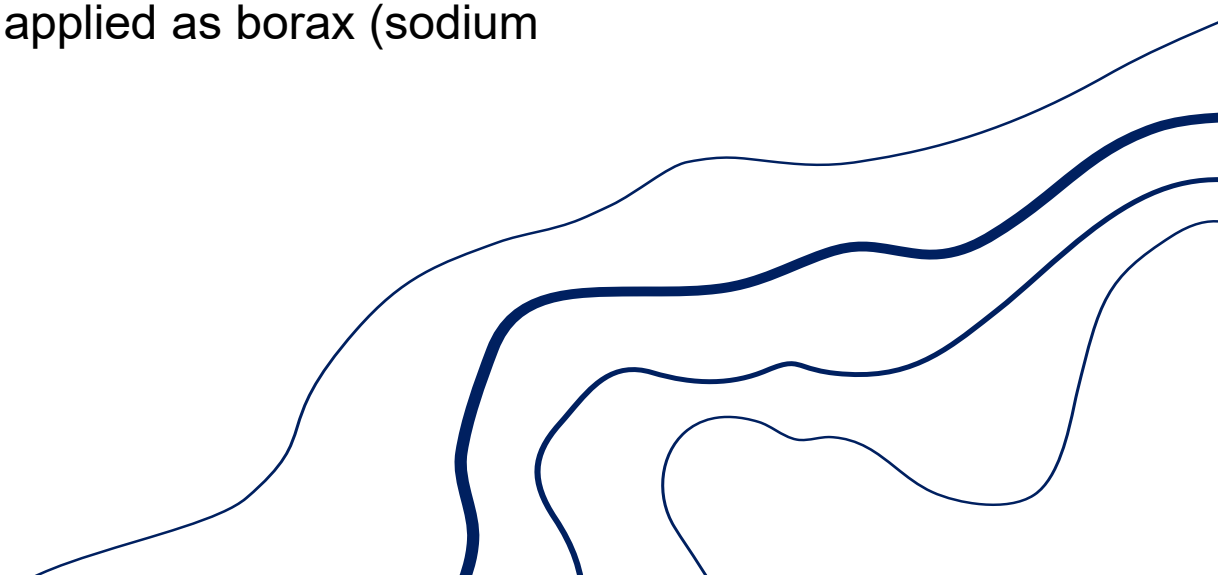
Boron in corn

Study details

Date: 2004
Location: Weakley County, Tennessee, United States
Soil: Loring soil loam, P ppm 42, K ppm 130, pH 4.9, CEC 9.6, organic matter 0.8%
Fertilizer: Borax blended with MOP at 0 and 1.5 lbs B/ac
Trial design: Randomized complete block design with 6 replications and 2 treatments

Results

A significant increase in yield was found with 1.5 lbs B/ac applied as borax (sodium tetraboarate decahydrate)



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Average corn yield, meh 3 soil boron, and leaf tissue boron

Treatment (lbs B/acre)	**Yield** (bu/acre)	**Meh 3 B** (ppm)	**Plant tissue** (ppm)
0	156	0.47	7.2
1.5	169	0.55	8.0
Significance	0.05		